General Product Description

Two-way full-range passive system in a unique slant sided enclosure. Includes dual 8-inch woofers and a 1″/25 mm voice coil compression driver on a 100° x 100° constant-directivity horn. Cloth coverable steel grille.

FRi-2082
Speaker System

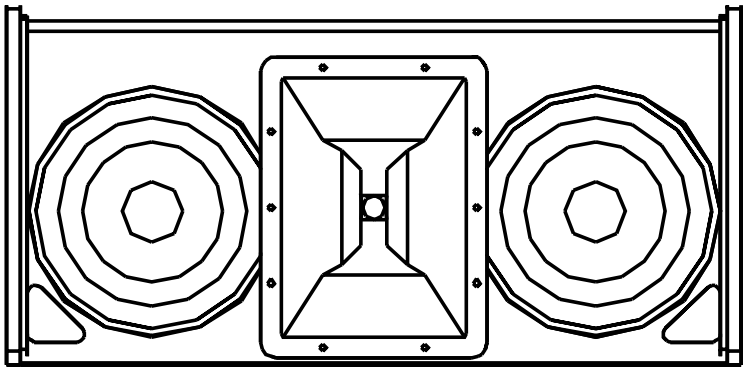
F R i
SPEAKER
SYSTEMS

Applications

The FRi-2082 uses EV's exclusive RMD™ (Ring-Mode Decoupling) to provide outstanding vocal clarity and intelligibility in a cost-effective two-way system. The versatile, compact enclosure features a low profile cabinet design with integral suspension points and a U-bracket (included) to allow horizontal or vertical mounting. The 100° x 100° horn pattern allows broad coverage for near field applications. Five year warranty.

Applications include:

Stadiums	Arenas
Houses of Worship	Discos
Live Music Clubs	Gymnasiums



Speaker Description

Part Number	FRi-2082-BLK
LF Section & Components	Dual 8-inch woofers in vented enclosure
HF Section & Components	Compression driver with 1-inch titanium diaphragm on a constant-directivity horn
System Configuration	Two-way, Full range
Powering Configuration	Passive
Recommended High-Pass Frequency (12 dB/octave min.)	50 Hz
Cabinet Type (shape)	Low profile slant design
Enclosure Materials	13-ply plywood
Finish	Black Acrylic
Connectors	One barrier strip
Suspension Hardware	(2) 3/8-16 threaded mounting/suspension points, 1 per side
Grille	Powder-coated perforated 18GA steel
Options	WH-white acrylic finish UN-unfinished

FRi-2082
Speaker System

Speaker Characteristics

Frequency Response (passive)		
-3 dB	70-20,000 Hz	
-10 dB	55-16,000 Hz	
Axial Sensitivity		
(SPL/1 W/1 m) Passive	93 dB	
Impedance	8 ohms	
Power Handling		
Long-term (EIA)	200 watts	
Short-term peak	800 watts	
Calculated Maximum Output SPL		
Peak	122 dB	
Long Term	116 dB	
Nominal Coverage Angle		
Horizontal (-6 dB)	100º	
Vertical (-6 dB)	100º	
Dimensions		
Height	8.75 in.	(222 mm)
Width	24.50 in.	(62 mm)
Depth	14.0 in.	(356 mm)
Weights		
Net Weight	40.0 lb	(18.2 kg)
Shipping Weight	52.0 lb	(23.6 kg)

Architects' and Engineers' Specifications

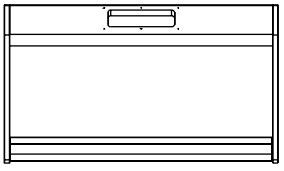
The two-way full range loudspeaker system shall incorporate dual 8-inch LF transducers and a 1"/25 mm voice coil HF compression driver.

The LF driver shall be mounted in a vented enclosure tuned for optimum low-frequency response. The HF driver shall be loaded on constant-directivity horn with a nominal coverage pattern of 100º (h) x 100º (v). An internal passive filter network shall provide acoustical crossover and system equalization.

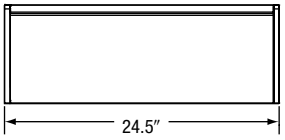
System frequency response shall be 55 Hz to 16 kHz measured on axis. The loudspeaker shall produce a sound pressure level (SPL) of 93 dB on axis at 1 meter with a power input of 1 watt, and shall be capable of producing a full-power peak output of 122 dB on axis at 1 meter. It shall handle 200 watts of amplifier power long-term (EIA Standard), and shall have a nominal impedance of 8 ohms.

The loudspeaker enclosure shall be 5-sided. It shall be constructed of 13 ply void-free cross-grain-laminated plywood and shall employ extensive internal bracing. It shall be finished in black acrylic paint. Input connectors shall be two at 1 terminal barrier strips. A total of two 3/8-16 threaded mounting/suspension points shall be provided, (with a U-bracket, one per side). The front of the loudspeaker shall be cloth coverable with a powder-coated perforated 18 GA steel grille.

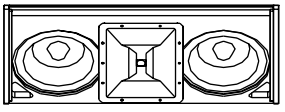
The two-way full range loudspeaker shall be the Electro-Voice model FRi-2082.



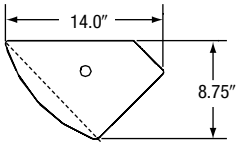
Top View



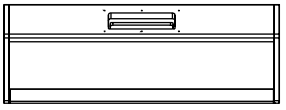
Front View
(with grille)



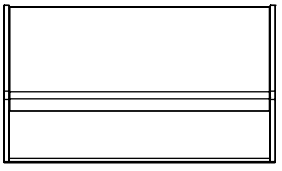
Front View
(with grille removed)



Left Side View



Back View



Bottom View

EVERYWHERE℠

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For customer orders, contact the Customer Service department at 800/392-3497 Fax: 800/955-6831
For warranty repair or service information, contact the Service Repair department at 800/685-2606
For technical assistance, contact Technical Support at (866)-78AUDIO
Please refer to the Engineering Data Sheet for warranty information.
Specifications subject to change without notice.

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